

## Industrial Electrician

**Job Description:** To provide for a high-end level of electrical/electronic expertise in order to trouble shoot and maintain the advanced electrical and electronic systems of the plant's equipment. To assist the Engineering department in electrical project design and implementation as well as assist in day-to-day operation of the Electrical Department.

**Essential Functions:**

- Answer calls for electrician throughout the plant.
- Take a lead role in electrical trouble shooting and repair of breakdowns on production equipment within their department.
- Provide support to the preventative maintenance program of the equipment.
- Follows up and documents all complex/pertinent electrical work performed within their department.
- Perform listed project work designated by supervisor, Engineering Dept. and self.
- Perform daily responsibilities listed by supervisor.
- Repair any defective items removed from equipment, if feasible.
- Insures that all parts used are re-ordered.
- Obtains additional information for parts ordering or part replacement if necessary.
- Design, install, and follow up on new projects for the plant equipment.
- Provide necessary technical information to other departments for improved running and servicing of the equipment.
- Suggest ways to improve current equipment and devices, to reduce cost.
- Reviews daily work history with electricians/electronic technicians on next shift.
- Assist other maintenance personnel by supplying guidance and training in the more technical fields of the electrical department.
- Troubleshoot and repair industrial manufacturing equipment
- Perform mechanical, electrical, pneumatic, hydraulic, troubleshooting and repair of production equipment.
- Read/interpret equipment manuals and work orders to perform required maintenance.
- Diagnose problems, replace or repair parts, test and make adjustments.
- Perform regular preventative maintenance on equipment.
- Use a variety of hand and power tools, electric meters and material handling equipment in performing duties.
- Comply with safety regulations and maintain clean and orderly work areas.
- Must have ability to exercise independent judgement and creativity in problem solving
- Must be a self-starter with the ability to work independently or as a member of a team



## **EXPERIENCE AND QUALIFICATIONS**

- Must possess a thorough knowledge of electrical theory and methods, materials, tools, equipment and systems used in the electrical trade
- PLC experience required
- Must be willing to work any shift to support at 24-hour manufacturing facility
- Working knowledge of machine tools.
- Ability to read and understand electrical diagrams and schematics as well as verbal instruction.
- Understand machine control systems and operations.
- Ability to use various hand and power tools.
- Ability to work independently to troubleshoot, diagnose, and correct problems.